

Oil Field Environmental Incident Summary

Incident: 20140506124403 **Date/Time of Notice:** 05/06/2014 12:44

Responsible Party: CORINTHIAN EXPLORATION (USA) CORP

Well Operator: CORINTHIAN EXPLORATION (USA) CORP

Well Name: CORINTHIAN LOCHNER 16-33 1-H

Field Name: NORTH SOURIS

Well File #: 26714

Date Incident: 5/5/2014 **Time Incident:** 14:00

Facility ID Number:

County: BOTTINEAU

Twp: 164

Rng: 77

Sec: 33

Qtr: SE SE

Location Description: A pipeline failure was observed by a Corinthian field pumper on the edge of the Lochner 16-33 lease. The emulsion from the pipeline leaked onto the North end of the lease and down the hill into the landowner's field.

Submitted By: Patrick Gratton

Received By:

Contact Person: Patrick Gratton
STE 230, 323-10TH AVE SW
CALGARY, AB T2R 0A5

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building: 0.8 Mile

Distance Nearest Water Well: 0.8 Mile

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil	3	Barrels	3	Barrels		
Brine	17	Barrels	17	Barrels		
Other						

Description of Other Released Contaminant:

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

Soil contamination from the produced fluids.

Areal Extent:

Approximately 500 square yards

Potential Environmental Impacts:

The topsoil of the farmers field was contaminated with produced water and requires to be disposed of at a waste facility. The land will be reclaimed with fresh topsoil.

Action Taken or Planned:

The local NDIC field inspector was notified of the spill and has visited the site. The line will have a full failure diagnosis with implementation of new installation design and procedures to prevent a repeat line failure.

Wastes Disposal Location: All contaminated soil will be taken to the Clean Harbors Sawyer Waste Facility for disposal. Fresh top soil will fill any removed contaminated area.

Agencies Involved:**Updates**

Date: 5/6/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

An on-location pipeline leak flowed off location into an agricultural field. Followup is necessary. Sampling of soil from 0-6, 6-12, and 12-24 inches in the impact area for sodium, chloride, SAR, and ESP is required.

Date: 5/14/2014 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location on 5/14/14.

Remediation is currently in progress. There are signs of crude oil in the area. The spill occurred at the top of the hill near the well pad and ran down the hill. The impacted material has been scraped up.

More followup is necessary to ensure cleanup.

Date: 6/9/2014 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 6/9/14.

Removal of impacted soil is complete. Only leveling and reseeding of native grasses remains to be done at the site.

More followup is necessary.

Date: 8/25/2014 **Status:** Inspection

Author: Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 8/25/2014.

Area has been reseeded and is recovering nicely.

No more followup is necessary.